

Form PTO-1449 (Modified)		Atty. Docket No.	Serial No.
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		S&B-B750	09/235,153
		Applicant	GEORGES et al
		Filing Date	Group
		22 January 1999	



## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL.DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
✓	B1	EP 8 1 8 1 3 8	14/01/98	Europe			
✓	B2	WO 97 2 3 5 9 9	03/07/97	PCT			
✓	B3	WO 92 1 9 7 3 1	12/11/92	PCT			
✓	B4	WO 96 3 9 8 5 9	19/12/96	PCT			
✓	B5	WO 95 2 7 0 6 8	12/10/95	PCT			
✓	B6	WO 91 1 4 7 8 2	03/10/91	PCT			
✓	B7	JP 82 6 6 1 7 9	15/10/96	JP			ABSTRACT

## OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

✓	C1	Chapple, Clint C.S., et al. "An Arabidopsis Mutant Defective in the General Phenylpropanoid Pathway" <i>The Plant Cell</i> , 4:1413-1424, November 1992
✓	C2	Wood, Andrew J., et al. "Betaine Aldehyde Dehydrogenase in Sorghum" <i>Plant Physiol</i> , 110:1301-1308 (1996)
✓	C3	Burnet, Michael, et al. "Assay, Purification, and Partial Characterization of Choline Monooxygenase from Spinach" <i>Plant Physiol</i> , 108:581-588 (1995)
✓	C4	Bouchereau, Alain, et al. "Structural changes in sinapic acid conjugates during seedling development of rape", <i>Plant Physiol. Biochem.</i> , 30(4):467-475 (1992)
✓	C5	Vogt, Thomas, et al. "Purification and Characterization of Sinapine Synthase from Seeds of <i>Brassica napus</i> ", <i>Archives of Biochemistry and Biophysics</i> , 300(2):622-628, February 1, 1993

*J. E. Sims* 6/28/01

<i>gw</i>	C6	Selvaraj, Gopalan, et al. "Glycinebetaine in Rapeseed Rape and Flax Leaves: Detection by Liquid Chromatography/Continuous Flow Secondary Ion-Mass Spectrometry", <i>Phytochemistry</i> , 38(5):1143-1146, 1995
	C7	Chapple, et al. "Secondary Metabolite Profiles of Crucifer Seeds: Biogenesis, Role, and Prospects for Directed Modification", <i>Biosynthesis and Molecular Regulation of Amino Acids in Plants</i> , BK Singh, HE Flores, JC Shannon, eds, American Society of Plant Physiologists 239:248, Copyright 1992
	C8	Holmström, Kjell-Ove, et al. "Production of the <i>Escherichia coli</i> betaine-aldehyde dehydrogenase, an enzyme required for the synthesis of the osmoprotectant glycine betaine, in transgenic plants", <i>The Plant Journal</i> , 6(5):749-758, (1994)
<i>gw</i>	C9	Chapple, Clint "Genetic Characterization of Secondary Metabolism in <i>Arabidopsis</i> " <i>Genetic Engineering of Plant Secondary Metabolism</i> , Plenum Press, New York, 251:274 (1994)
<i>gw</i>	C10	Goh, Y.K., et al. "Effect of Ammoniation of Rapeseed Meal on the Sinapine Content of the Meal" <i>British Poultry Science</i> , 23:121-128 (1982)
<i>gw</i>	C11	Kräling, K., et al. "Genetic Variation of the Content of Sinapoyl Esters in Seeds of Rape, <i>B. napus</i> " <i>Plant Breeding</i> , 106, 254-257 (1991)
<i>gw</i>	C12	Lorenzen, Maike, et al. "Sinapic Acid Ester Metabolism in Wild Type and a Sinapoylglucose-Accumulating Mutant of <i>Arabidopsis</i> " <i>Plant Physiol.</i> 112:1625-1630 (1996)
<i>gw</i>	C13	Fenwick, G. Roger "A Micromethod for the Screening of Individual Seeds and Cotyledons of <i>Brassica napus</i> and <i>Brassica campestris</i> (Rapeseed) for Low Sinapine Content" <i>J. Sci. Food Agric.</i> 30:661-663 (1979)
<i>gw</i>	C14	Ismail, F. "Bitterness and Astringency of Sinapine and Its Components" <i>Journal of Food and Science</i> 46:1241-1244 (1981)
<i>gw</i>	C15	Regenbrecht, Josef "Distribution of 1-Sinapoylglucose: Choline Sinapoyltransferase Activity in the Brassicaceae" <i>Phytochemistry</i> 24:407-410 (1985)
<i>gw</i>	C16	Hayashi, Hidenori, et al. "Transformation of <i>Arabidopsis thaliana</i> with the <i>codA</i> gene for choline oxidase; accumulation of glycinebetaine and enhanced tolerance to salt and cold stress" <i>The Plant Journal</i> 12(1):133-142 (1997)
<i>gw</i>	C17	Deshnium, Patcharaporn, et al. "Transformation of <i>Synechococcus</i> with a gene for choline oxidase enhances tolerance to salt stress" <i>Plant Molecular Biology</i> 29:897-907 (1995)
<i>gw</i>	C18	Li, Jiayang, et al. "Arabidopsis Flavonoid Mutants Are Hypersensitive to UV-B Irradiation" <i>The Plant Cell</i> 5:171-179 (1993)
<i>gw</i>	C19	Elkind, et al. "Abnormal plant development and down-regulation of phenylpropanoid biosynthesis in transgenic tobacco containing a heterologous phenylalanine ammonia-lyase gene", <i>Proc. Natl. Acad. Sci.</i> 87:9057-9061 (1990)
<i>gw</i>	C20	Kutchan, T.M. "Alkaloid Biosynthesis-The basis for metabolic engineering of medicinal plants", <i>The Plant Cell</i> , 7:1059-1070 (1995)
<i>gw</i>	C21	Varin, L. "Flavonoid sulfation: Phytochemistry, enzymology and molecular biology", <i>Phenolic Metabolism in Plants</i> 233-254 (1990)

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<i>gjw</i>	C22	Lefebvre, D. "Expression of mammalian methionine synthase in <i>Brassica campestris</i> suppresses glucosinolate synthesis", <i>Plant Physiol.</i> 93:522-524. (1990)
<i>gjw</i> OCT 21 1999 USPTO PATENT & TRADEMARK OFFICE	C23	Smart, et al. "Overexpression of D-myo-inositol-3-phosphate synthase leads to elevated levels of inositol in <i>Arabidopsis</i> ", <i>Plant Molecular Biology</i> 33:811-820 (1997)
<i>gjw</i>	C24	Boudet, et al. Transley review No. 80, "Biochemistry and molecular biology of lignification", <i>New Phytol.</i> 129:203-236 (1995)
<i>gjw</i>	C25	Herbers, et al. "Manipulating metabolic partitioning in transgenic plants", <i>Trends in Biotechnology</i> Vol:14. (1996)
<i>gjw</i>	C26	Lindsey, K., "Prospects for the genetic manipulation of complex metabolic pathways", <i>Manipulating secondary metabolism in culture</i> , R.J. Robins, MJC Rhodes, eds., AFRC Institute of Arable Crops Research, Norwich Laboratory, Norwich, UK, pp.123-133 (1988)
<i>gjw</i>	C27	Yeoman, et al. Transley review No. 90, "Manipulating secondary metabolism in cultured plant cells", <i>New Phytol</i> 134:553-569 (1996)
<i>gjw</i>	C28	Songstad, D., "High levels of tryptamine accumulation in transgenic tobacco expressing tryptophan decarboxylase", <i>Plant Physiol.</i> 49:1410-1413 (1990)
<i>gjw</i>	C29	Ibrahim, R.K., "Engineering altered glucosinolate biosynthesis by two alternative strategies", <i>Genetic Engineering of Plant Secondary Metabolism</i> , 125-152 (1994)
<i>gjw</i>	C30	Van der Geest, et al "A 68 bp element of the $\beta$ -phaseolin functions as a seed-specific enhancer", <i>Plant Molecular Biology</i> Vol. 32:579-588 (1996)
<i>gjw</i>	C31	Smith, et al. "Antisense RNA inhibition of polygalacturonase gene expression in transgenic tomatoes", <i>Nature</i> Vol 334:724-726 (1988)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
 MPEP 609;  
 copy of this form Draw line through citation if not in conformance and not considered. Include with next communication to applicant.

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